

No. 872,353.

PATENTED DEC. 3, 1907.

A. KONST.
COOKING STOVE.
APPLICATION FILED MAY 3, 1907.

Fig. 1.

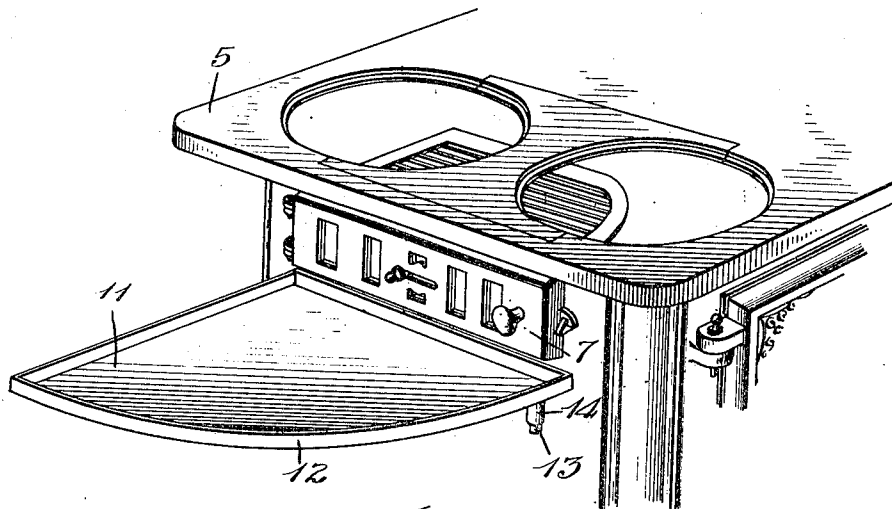


Fig. 2.

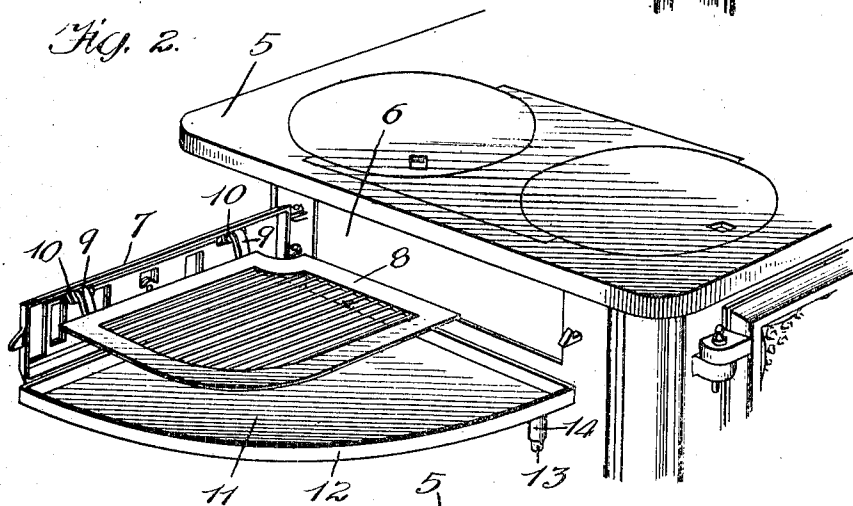
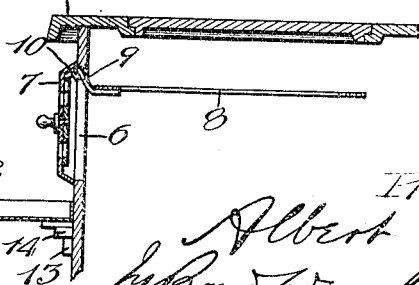


Fig. 3.



Witnesses:

Edw. Perry
Minnie A. Hunter

Inventor:

Albert Konst
By Bond, Adams, Puckett & Jackson
Attys.

UNITED STATES PATENT OFFICE.

ALBERT KONST, OF BURLINGTON, WISCONSIN.

COOKING-STOVE.

No. 872,353.

Specification of Letters Patent.

Patented Dec. 3, 1907.

Application filed May 3, 1907. Serial No. 371,637.

To all whom it may concern:

Be it known that I, ALBERT KONST, a citizen of the United States, residing at Burlington, in the county of Racine, State of Wisconsin, have invented certain new and useful Improvements in Cooking-Stoves, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to improvements in cooking stoves, and has for its principal object to provide a broiler attachment suitably connected with a door of the stove that is so located that when the door is closed the
15 broiler will be held in proper position over the coals in the fire pot of the stove and which will be withdrawn from the stove upon the opening of the door.

20 A further object of my invention is to provide the stove with a suitable drip pan removably attached to the stove below such door so as to catch all drippings from the articles on the broiler when said door is opened.

25 I accomplish these objects as illustrated in the drawings and as hereinafter specifically described.

That which I believe to be new will be pointed out in the claims.

30 In the drawings:—Figure 1 is a perspective view of a portion of a cooking stove with my improvements attached thereto and showing the broiler in place within the stove, the ordinary removable annular lids of the
35 stove being removed in order to better illustrate the position of the broiler. Fig. 2 is a view similar to Fig. 1 but showing the small door to which the broiler is connected open and the broiler withdrawn from the stove.
40 Fig. 3 is a vertical cross section through the parts shown in Fig. 1, with the door closed as in Fig. 1.

Referring to the several figures of the drawings, in which corresponding parts are
45 indicated by the same reference numerals, 5 indicates a cooking stove or range which may be of ordinary construction.

6 indicates an opening in the upper part of the front of the stove which is adapted to be
50 closed by a movable member,—the movable member being, as illustrated, an ordinary hinged door 7, in which door are formed as usual air openings that are adapted to be closed by the usual sliding damper. The
55 door opening, it will be noted, is immediately

below the top of the stove, and hence affords access to the fire pot or space in which the fuel is burned.

8 indicates a broiler that is attached to the inner face of the door 7 so that upon the
60 closing of the door, as shown in Fig. 1, the broiler will be projected entirely within the stove and in position to lie above the coals in the fire pot. It is so attached to the stove as to leave, as is best shown in Fig. 3, a con-
65 siderable space between the broiler and the top of the stove so that meat or other articles supported on such broiler will not rub or come in contact with said upper part of the
70 stove.

In the construction shown, I attach the broiler to the door by means of bent fingers 9 that are secured in any suitable manner to the broiler frame, and at their free ends project into suitable eyes 10 on the inner face of
75 the door. By this construction, the broiler, when not in use, can be readily and quickly detached from the stove door. As shown, a portion of the edge of the broiler is rounded or curved so as to enable it to be swung freely
80 in and out of the stove opening 6.

11 indicates a drip pan having a small up-
turned flange 12 all around it, which pan is attached to the stove front below the door
opening 6. This pan has a portion of its
85 edge surface curved to conform substantially to the arc of the circle described by the outer edge of the door 7 when swung on its pivots. By so constructing the pan it at all
90 times protects the floor from having grease dripped upon it from the meat carried by the broiler, and at the same time no extra amount of material is used in its construction, and no unnecessary amount of room is
95 taken up by it. It is of course very desirable that this drip pan should not be projecting out from the stove at times when the broiler is not being used, and hence, like the broiler, it is made removable, and, in the construction shown, this is permitted by providing
100 the pan 11 with two or more downwardly-projecting pins 13 which enter suitable sockets or eyes 14 cast on or secured to the front of the stove. By this construction, of course the drip pan can be quickly placed in
105 position or removed entirely from the stove.

By my invention I provide a stove to which a broiler can be secured very quickly and when secured will be in proper position, when the door that carries it is shut, to prop- 110

erly hold meats, etc. that are to be broiled over the coals. Furthermore, by this construction the broiler can be at any time instantly withdrawn from the stove for the purpose of inspecting the condition of the articles being cooked, and to enable such articles to be shifted in position on the broiler or turned over for cooking on the other side. It of course is important to have means provided for protecting the floor in front of the stove from drippings from articles being cooked when the broiler is drawn out of the stove, and by locating the pan 11 as shown and described, such protection will be amply afforded. From the description above given, it will be obvious that both the broiler and the drip pan can be instantly detached from the stove for the purpose of properly cleaning them, and also so that they will not be in the way when the stove is put to other uses than broiling.

What I claim as my invention and desire to secure by Letters Patent is—

1. The combination with a stove having an opening through one wall portion into the fire chamber, a movable member covering said opening, and a broiler connected to said movable member, of a drip pan connected to the stove below said opening.

2. The combination with a stove having an opening through one wall portion into the fire chamber, a hinged door covering said opening, and a broiler connected to said door, of a drip pan connected to the stove below said opening, said drip pan having an edge conforming substantially to the arc of the circle upon which the free edge of the door moves.

ALBERT KONST.

Witnesses:

E. E. MILLS,
ROBERT A. HOFF.